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Psycho-social place appropriation scale. Mesuring an other dimension of a transdisciplinarity concept

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THEORETICAL FRAMEWORK - RESEARCH DESIGN - METHODOLOGY - RESULTS - CONCLUSIONS

Social Psychology

Attitudinal & Conative PA

No man's scientific land ...



PSPA scale

Lopez, Charles & Dias

Some examples of questions:
(not valid translation from the french original version)

"When you go to that place and see other people you feel safe"

"If you couldn't go to that place anymore, you would experience that as an unfairness"

"You think that decisions about this place is your business you and that it would be normal to ask your opinion"

"Other people's presence prevents you from doing what you want freely"

Ethology

Behavioral PA

Fisher's control, transformations, and self expression (1980) & Altman's definition of territoriality (1975)



Behavioral maps
Proshansky, H.M. (1976)

Observation
Fischer's criteria (1980)

Population

Step A: 188 students
Step B: 93 people living close to a transport infrastructure or about to

Exploratory factorial analysis

- 3 FACTORS
- 1 - Others apprehension
 - 2 - Perceived rights
 - 3 - Striving for exclusivity

Explained variance (%)

Step A 1 = 25,5 2 = 21,7 3 = 18,1
Step B 1 = 23,6 2 = 18,6 3 = 15,5

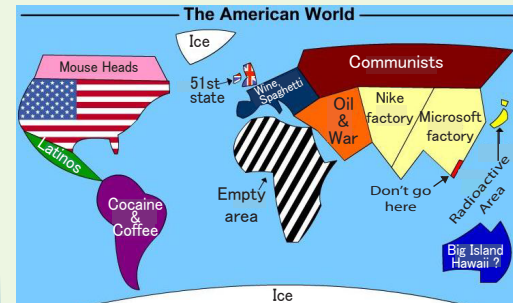
Reliability (α Cronbach)

Step A 1 = .76 2 = .64 3 = .56
Step B 1 = .69 2 = .46 3 = .30

Environmental Psychology

Cognitive PA

De Waele, Morval & Sheitoyan (1992) and Morval & Corbière (2000): cognitive representations developed from exploratory



Spatial reconstruction game
Ramadier, T. & Depeau, S. (2006)

Mental mapping
Lynch, K. (1960)

Place appropriation scale
Morval & Corbière (2000)

Confirmatory factorial analysis

11, 9 and 8 item models were tested. Here, the results of the most parcimonial and satisfying model : 8 items over 3 orthogonal factors

	AIC	dI/X ²	GFI	AGFI	RMSEA
Step A	0,426	3,07	0,932	0,883	0,9
Step B	0,518	0,81	0,954	0,921	0

Convergence

	τ de Kendall	Perceived rights	Others apprehension
Place attachment*		τ = 3,88**	τ = 7,79**
Place identity*		τ = 4,08**	

*according to Jorgensen & Stedman (2001)

** significance for p < .001

Bibliography

Altman, I. (1975). The Environment and Social Behavior: Privacy, Personal Space, territoriality and Crowding. Menlo Park, CA, Brooks/Cole
De Waele, M., Morval, J. & Sheitoyan, R. (1992). *La gestion de soi dans les organismes : la recherche d'un équilibre*. Paris : Les Editions d'organisation
Fisher, G.N. (1980). *Psychosociologie de l'espace*. P.U.F. Paris.
Jorgensen, B.S., & Stedman, R.C. (2001). Sense of place as an attitude: lakeshore owners attitudes toward their properties, *Journal of Environment Psychology*, 21, 233-246.
Lynch, K. (1960). *The image of the city*, Cambridge: Mass., The MIT Press.
Morval, J., & Corbière, M. (2000). L'appropriation de l'espace un concept à la recherche d'une définition opérationnelle, *Revue Européenne de Psychologie Appliquée*, 50 (1), pp.127-132
Proshansky, H.M. (1976). Environmental psychology: Amethodological orientation. In Proshansky, H.M., Ittelson, W.H., & Rivlin, L.G. (Eds.), *Environmental psychology: People and their physical settings*. New York: Holt, Rinehart & Winston
Ramadier, T., Depeau, S. (2006). Approche méthodologique (URS) et développementale de la représentation de l'espace quotidien de l'enfant, *Communication au colloque International Pluridisciplinaire Les enfants et les jeunes dans les espaces quotidiens*, Rennes, 16-17, novembre 2006.